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2 Automatic wave onset and offset determination in ECG signals: Validation with the CSE database

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Computers in Cardiology 1992. Proceedings. , 11-14 Oct. 1992
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3 Current mirrors differentiators-based continuous-time current-mode pass filter

Wang Chunyue; Zhao Rong; Cao Jinyu; Han Qingquan;

Signal Processing Proceedings, 2000. WCCC-ICSP 2000. 5th International Conference on , Volume: 1 , 21-25 Aug. 2000
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[\[Abstract\]](#) [\[PDF Full-Text \(132 KB\)\]](#) **IEEE CNF**

4 Automatic detection of atrial fibrillation and flutter using the differentiated ECG signal

Giraldo, B.F.; Laguna, P.; Jane, R.; Caminal, P.;

Computers in Cardiology 1995 , 10-13 Sept. 1995
Pages:369 - 372

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) IEEE CNF

5 FIR filter designs with linear constraints using the eigenfilter approach

Soo-Chang Pei; Chien-Cheng Tseng; Wen-Sing Yang;

Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on, Vol 45, Issue: 2, Feb. 1998

Pages:232 - 237

[\[Abstract\]](#) [\[PDF Full-Text \(188 KB\)\]](#) IEEE JNL

6 On digital differentiators, Hilbert transformers, and half-band low-pass filters

Dutta Roy, S.C.; Kumar, B.;

Education, IEEE Transactions on, Volume: 32, Issue: 3, Aug. 1989

Pages:314 - 318

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) IEEE JNL

7 IIR filter design via optimal Hankel-norm approximation

Chen, B.-S.; Peng, S.-C.; Chiou, B.-W.;

Circuits, Devices and Systems, IEE Proceedings G, Volume: 139, Issue: 5, 1992

Pages:586 - 590

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8 Multi-resolutional optical flow estimation with local optimization

Adachi, E.; Horiguchi, S.;

Image Processing. 2002. Proceedings. 2002 International Conference on, Vol 2, 22-25 Sept. 2002

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[\[Abstract\]](#) [\[PDF Full-Text \(407 KB\)\]](#) IEEE CNF

9 A new multistage running-sum decimator

Jovanovic-Dolecek, G.; Mitra, S.K.;

Circuits and Systems, 2002. MWSCAS-2002. The 2002 45th Midwest Symposium on, Volume: 1, 4-7 Aug. 2002

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[\[Abstract\]](#) [\[PDF Full-Text \(252 KB\)\]](#) IEEE CNF

10 An experimental evaluation and comparison of explicit force control strategies for robotic manipulators

Volpe, R.; Khosla, P.;

Robotics and Automation, 1992. Proceedings., 1992 IEEE International Conference on, 12-14 May 1992

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[\[Abstract\]](#) [\[PDF Full-Text \(536 KB\)\]](#) IEEE CNF

11 Monolithic 10-30 MHz tunable bipolar Bessel lowpass filter*De Veirman, G.A.; Yamasaki, R.G.;**Circuits and Systems, 1991., IEEE International Symposium on , 11-14 June
Pages:1444 - 1447 vol.3*[\[Abstract\]](#) [\[PDF Full-Text \(284 KB\)\]](#) **IEEE CNF****12 A technique for real-time measurement of Nth-order derivatives $d^N V / dI^N$** *Swartz, R.G.;**Solid-State Circuits, IEEE Journal of , Volume: 24 , Issue: 4 , Aug. 1989
Pages:976 - 984*[\[Abstract\]](#) [\[PDF Full-Text \(596 KB\)\]](#) **IEEE JNL****13 A least-squares approach for the design of nonrecursive differentiators of arbitrary order***Sunder, S.; Ramachandran, R.P.;**Circuits and Systems, 1992., Proceedings of the 35th Midwest Symposium on
12 Aug. 1992
Pages:477 - 480 vol.1*[\[Abstract\]](#) [\[PDF Full-Text \(272 KB\)\]](#) **IEEE CNF****14 Edge detection using recursive biorthogonal wavelet transform***Barlaud, M.; Gaidon, T.; Mathieu, P.; Feauveau, J.C.;**Acoustics, Speech, and Signal Processing, 1991. ICASSP-91., 1991 International
Conference on , 14-17 April 1991
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Image Processing. 2002. Proceedings. 2002 International Conference on, Volume: 2, 22-25 Sept. 2002

Page(s): II-257 -II-260 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(407 KB\)\]](#) **IEEE CNF**

4 Particle filters for positioning, navigation, and tracking

Gustafsson, F.; Gunnarsson, F.; Bergman, N.; Forssell, U.; Jansson,

J.; Karlsson, R.; Nordlund, P.-J.;

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 50 Issue: 2 , Feb. 2002

Page(s): 425 -437

[\[Abstract\]](#) [\[PDF Full-Text \(335 KB\)\]](#) **IEEE JNL**

5 Edge detection using recursive biorthogonal wavelet transform

Barlaud, M.; Gaidon, T.; Mathieu, P.; Feauveau, J.C.;

Acoustics, Speech, and Signal Processing, 1991. ICASSP-91., 1991 International Conference on , 14-17 April 1991

Page(s): 2553 -2556 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(496 KB\)\]](#) **IEEE CNF**

6 A VLSI implementation of a state variable filter algorithm

Herpel, H.J.; Windirsch, P.; Glesner, M.; Fuhrer, J.; Busshardt, J.;

VLSI, 1991. Proceedings., First Great Lakes Symposium on , 1-2 March 1991

Page(s): 138 -143

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) **IEEE CNF**

7 Automatic tuning for a teleoperated arm controller

Kress, R.L.; Jansen, J.F.;

Decision and Control, 1992., Proceedings of the 31st IEEE Conference on , 16-18 Dec. 1992

Page(s): 2692 -2695 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(397 KB\)\]](#) **IEEE CNF**

8 Effects of sampling and quantization on single-tone frequency estimation

Host-Madsen, A.; Handel, P.;

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 48 Issue: 3 , March 2000

Page(s): 650 -662

[\[Abstract\]](#) [\[PDF Full-Text \(404 KB\)\]](#) **IEEE JNL**

9 A simple, general, and mathematically tractable sense of depth

Saadat, A.; Fahimi, H.;
Information Theory, 1995. Proceedings., 1995 IEEE International
Symposium on , 17-22 Sept. 1995
Page(s): 369

[\[Abstract\]](#) [\[PDF Full-Text \(88 KB\)\]](#) **IEEE CNF**

10 Partitioned matrix derivatives using Kronecker products

El-Sayed, M.;
Circuits and Systems, IEEE Transactions on , Volume: 27 Issue: 12 ,
Dec 1980
Page(s): 1268 -1269

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) **IEEE JNL**

**11 A technique for real-time measurement of Nth-order
derivatives $d^N V/dI^N$**

Swartz, R.G.;
Solid-State Circuits, IEEE Journal of , Volume: 24 Issue: 4 , Aug.
1989
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[\[Abstract\]](#) [\[PDF Full-Text \(596 KB\)\]](#) **IEEE JNL**

**12 On the location error of curved edges in low-pass filtered
2-D and 3-D images**

Verbeek, P.W.; van Vliet, L.J.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on ,
Volume: 16 Issue: 7 , July 1994
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